SONY

3-755-253-23 (1)

Compact Disc Changer System

COMPACT disc DIGITAL AUDIO

CDX-A55RF

Operating Instructions page 2

Before operating the system, please read this manual thoroughly and retain it for future reference.

Owner's Record

The model and serial numbers are located at the rear of the CD changer. Record the serial number in the space provided below. Refer to them whenever you call upon your Sony dealer regarding this product.

Model No. CDX-A55RF Serial No. _____

Mode d'emploi page 19

Avant la mise en service de cet système, prière de lire attentivement ce mode d'emploi que l'on conservera pour toute référence ultérieure.

For installation and connections, see the supplied installation/connections manual.

Pour l'installation et les connexions, se reporter au manuel d'installation/connexions fourni.

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For the customers in the United States

CAUTION
The use of optical instruments with this product will increase eye hazard.

The shielded interface cable recommended in this manual must be used with this equipment in order to comply with the limits for a computing device pursuant to Subpart J of Part 15 of FCC Rules.

INFORMATION
This equipment generates and uses radio frequency energy and if not installed and used properly, that is, in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type tested and found to comply with the limits for a Class B computing device in accordance with the specifications in Subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient the receiving antenna
Relocate the equipment with respect to the receiver
Move the equipment away from the receiver
Plug the equipment into a different outlet so that equipment and receiver are on different branch circuits.

If necessary, the user should consult the dealer or an experienced radio/television technician for additional suggestions. The user may find the following booklet prepared by the Federal Communications Commission helpful: "How to Identify and Resolve Radio-TV Interference Problems". This booklet is available from the U.S. Government Printing Office, Washington, DC 20402, Stock No. 004-000-00345-4.

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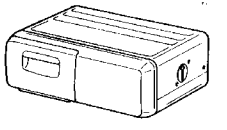
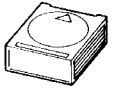
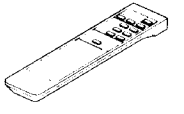
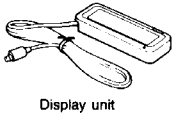
Components


CD changer


Disc magazine


Remote commander


Display unit

Hideaway unit

Features

CDX-A55RF converts the audio signal from the CD changer (supplied) into RF signal and you can receive it with your FM tuner at 88.3 MHz or 88.7 MHz, so that you can enjoy disc play with your car audio/radio even if it has no input connectors for a CD changer.

- Mobile CD changer automatically changes the discs in the disc magazine and enables you to play a desired track from up to 10 discs.
- With the remote commander, you can control the CD changer installed in the trunk room.
- The AMS* function allows you to select and play your desired tracks easily.
- The intro cue function, repeat play function and shuffle play function for an optimum enjoyment.
- Compact and space-saving CD changer for vertical, horizontal or suspended installation.

* Automatic Music Sensor

Precautions

- This system cannot be used if your car audio/radio has no FM tuner.
- Before operating the system for the first time or after replacing the car battery, press the reset button on the display unit with a ball-point pen or a similar object, then start operating the system.
- Do not install the remote commander and display unit in a place where they would be subjected to direct sunlight or hot air from a heater.
- As the laser beam used in this CD changer is harmful to the eyes, do not attempt to disassemble the cabinet. Refer servicing to the qualified personnel only.

Moisture condensation

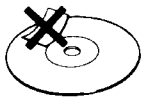
On a rainy day or in a very damp environment, moisture may condense on the lenses inside the CD changer. Should this occur, the system may not operate properly. In this case, **remove the disc magazine and wait for about an hour until the moisture has evaporated.**

Notes on Compact Discs

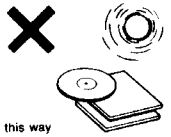
A dirty or defective disc may cause sound drop-outs while playing. To enjoy an optimum sound, handle a disc as follows.

Handle a disc by its edge, and to keep the disc clean, do not touch the surface.

Do not attach any paper or tape on the labeled surface.



Do not expose the discs to direct sunlight or heat sources such as hot air-ducts, or leave it in a car parked in direct sunlight where there can be a considerable rise in the temperature.



Before playing, clean the discs with an optional cleaning cloth. Wipe each disc in the direction of the arrows as illustrated.
Do not use solvents such as benzine, thinner, commercially available cleaners or antistatic spray intended for analog discs.

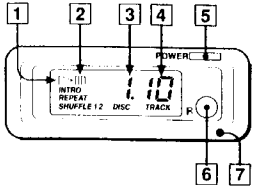
Notes on the Disc Magazine

- Do not leave the disc magazine in high-temperature or high-humidity locations, such as on the dashboard or at the rear window of a car where the disc magazine may be subjected to direct sunlight.
- Do not insert more than one disc into one slot. If you do so, the CD changer and the discs will be damaged.
- Do not drop the disc magazine or subject it to a violent shock.

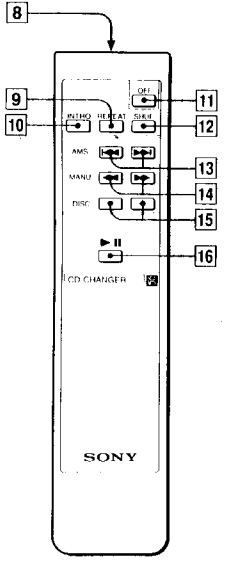
If you have any questions or problems concerning your system that are not covered in this manual, please consult your nearest Sony dealer.

Location and Function of Controls

Display unit



Remote commander

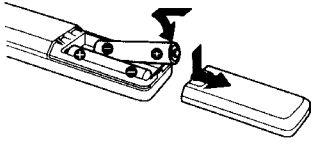


Refer to the pages in ● for details.

1 ▷ (play) indication
2 ▯▯ (pause) indication
3 Disc number indication
4 Track number indication
5 POWER (power on/off) switch
6 Receptor for the remote commander
7 Reset button
8 Signal emitting point
9 REPEAT button ●
10 INTRO button ●
11 OFF button ●
12 SHUF (shuffle) button ●
13 AMS ⏮ ⏭ buttons ●
14 MANU ◀◀ ▶▶ (manual search) buttons ●
15 DISC − + (disc select) buttons ●
16 ▶II (play/pause) button ● ●

Battery Installation

Install two supplied batteries (size AA/R6) with the correct polarity.



When to replace the batteries

The batteries normally last about four months.
When the batteries are worn out, the remote commander may not function properly.

Notes on batteries

To avoid damage from battery leakage and corrosion:
— insert the batteries with the correct polarity
— do not use an old battery with a new one, or different types of batteries together
— remove the batteries when you do not use the remote commander for a long period of time
— do not charge the batteries

If battery leakage occurs, replace the batteries with the new ones after cleaning the battery compartment.

Notes on remote commander

- Do not leave the remote commander in a location with high-temperature, such as on the dashboard or in the vicinity of the steering wheel of a car where it could be subjected to direct sunlight.
- This CD changer cannot be operated by the remote commander RM-X1, RM-X2 or RM-X2001.

Using the system in a car with no accessory position

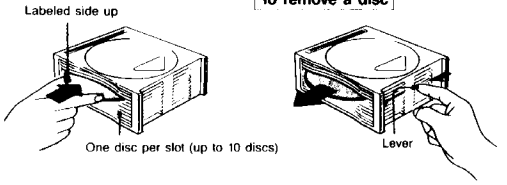
When you are not operating the system, be sure to press the POWER switch on the display unit or the OFF button on the remote commander so as to turn off the system.

Disc Play

Before operating the system for the first time or after replacing the car battery, press the reset button on the display unit with a ball-point pen or a similar object, then start operating the system.

1

(1)

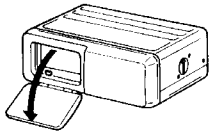


To remove a disc

Note

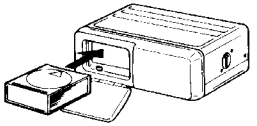
If you wish to listen to a 3-inch (8 cm) CD, use the SONY CD adaptor CSA-8 (not supplied). Otherwise, you may damage the CD changer.

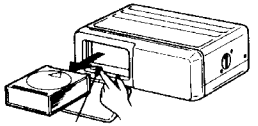
(2)



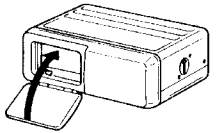
(3)

To remove the disc magazine





(4)



Be sure to close the door to protect the built-in lenses.

2

Turn on the tuner of your car audio/radio and select the FM band. Tune in 88.3 MHz (or 88.7 MHz).

For details on the operation of your car audio/radio, refer to its operating instructions manual.

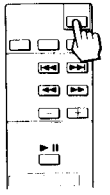
3

Press the ►II button on the remote commander.

Adjust the volume with your car audio/radio.

Other Operations

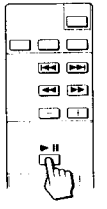
To stop disc play



Press either the OFF button on the remote commander or the POWER switch on the display unit.
To resume disc play, press the ►II button or the POWER switch.

Notes
- Before you stop disc play, turn down the volume of your car audio/radio as you may hear a noise when you stop disc play.
- If the POWER SELECT switch on the hideaway unit is in the OFF position, press the POWER switch on the display unit to start disc play again. You cannot start disc play with your remote commander.

To stop for a moment



Press the ►II button on the remote commander.
The II indication appears on the display window. To resume, press the ►II button again.

To listen to your car audio/radio

1 Press either the OFF button on the remote commander or the POWER switch on the display unit.
2 Operate your car audio/radio as you would normally.

When you wish to resume disc play, turn on the radio (not necessary after radio reception). Select the FM band and tune in 88.3 MHz (or 88.7 MHz), and then press the ►II button or the POWER switch.

Notes
- Be sure to press the OFF button or the POWER switch when you listen to your car audio/radio, otherwise, you may not be able to tune in to the desired station clearly.
- The reception sensitivity of the tuner may be lowered while this system is connected.

When the last track is finished
- When the last track on a disc is finished, the first track on the next disc will be played automatically.
- When the last track on the last disc is finished, the first track on the first disc will be played next.

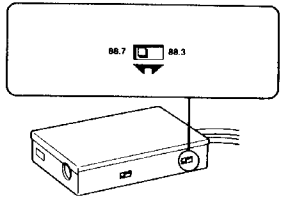
The error indication
If the error indication (E-01, E-02, E-04 or E-99) appears on the display window due to an operational error, see "Troubleshooting Guide".

If disc play does not start
If disc play does not start after pressing the ►II button or the POWER switch and there is no error indication on the display window, check the connection first. If there is no fault on the connection, check the fuse.

Important
Since the CD system boasts a wide dynamic range, the peaks of high level inputs are recorded with high fidelity and the noise level is very low.
Do not turn up the volume while listening to a portion with no audio signals or a very low level of input. If you do so, the speakers may be damaged when a peak level portion is played.

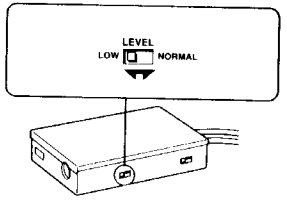
When the sound is distorted due to some interference

You may hear noises while listening to a disc due to broadcasting stations in the vicinity of your car transmitting strong signals. In this case, set the frequency select switch on the side of the hideaway unit to 88.7. Do not forget to tune in 88.7 MHz on your tuner.



The input level

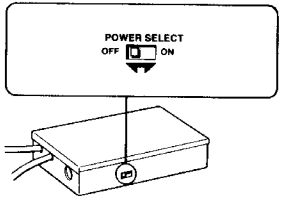
The LEVEL select switch is factory-set to the "LOW" position. If the input level from the CD changer unit seems to be lower than that of the FM reception level of the tuner, set the switch to the "NORMAL" position. However, if noise is heard during CD play or the stereo indicator ("STEREO", "ST" etc.) on the display unit keeps flickering, set the switch to the "LOW" position.



Using the system in a car with no accessory position

If your car has no accessory position on the ignition key panel, **set the POWER SELECT switch on the side of the hideaway unit to the OFF position*, then press the reset button on the front of the display unit.** The power supply to the CD changer is set to be cut off when the OFF button on the remote commander or the POWER switch on the display unit is pressed. If the POWER SELECT switch is set to the ON position in a car with no accessory position, you will not be able to turn off the CD changer even if you press the above mentioned button and switch. This causes car battery wear. When you turn off the car engine, **be sure to press either the OFF button on the remote commander or the POWER switch on the display unit to turn off the system in order to preserve the car battery.**

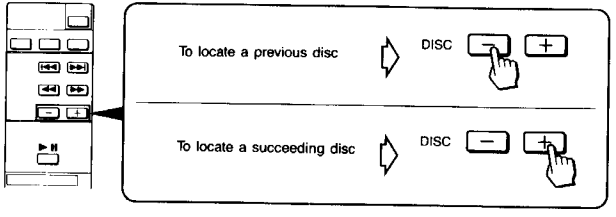
* When the POWER SELECT switch is set to the OFF position, you will not be able to start disc play with the remote commander while the system is in the off mode, that is to say when there is no display on the display unit. Press the POWER switch on the display unit before operating the remote commander.



Locating a Desired Disc or a Track

Locating a Desired Disc

Press the DISC button to select the number of the desired disc.



Each time you press the button, the disc number indication on the display window will change.

Disc number

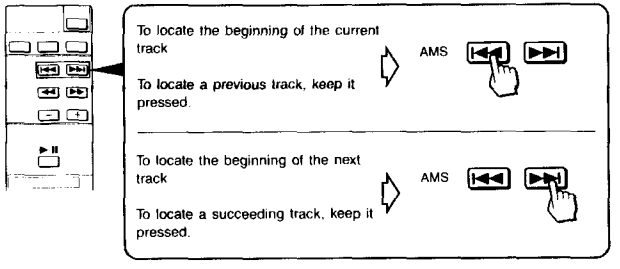
The disc number indication corresponds to that of the disc slot number printed on the side of the disc magazine.

While locating the disc

The disc number and the track number indications will flash.

Locating a Desired Track

Press the AMS button to select a desired track.

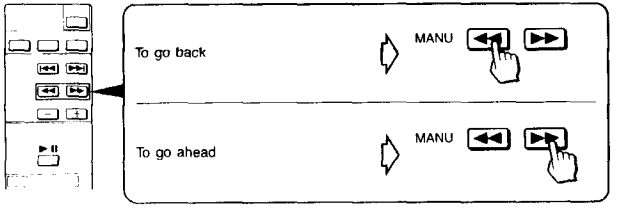

To locate the beginning of the current track
To locate a previous track, keep it pressed.
AMS
To locate the beginning of the next track
To locate a succeeding track, keep it pressed.
AMS

The track number indication on the display window will change each time the button is pressed.

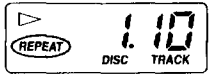
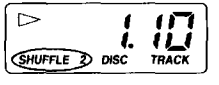
At the end of the disc
The operation will stop when it reaches the end of the current disc or the first track on the disc when using the AMS function.

Locating a Desired Part of the Current Track (Manual Search)

Press the MANU button.



During the manual search, the elapsed time of the current track will be indicated on the display window.

To listen to the beginning of the track (Intro play)	**Press** INTRO. The CD changer plays the first 10 seconds of every track on every disc in turn. **To return to the normal play mode** Press the button again.
To listen to the currently playing track repeatedly (Repeat play)	**Press** REPEAT  When the track is finished, it will start again from the beginning. **To return to the normal play mode** Press the button again.
To listen to every track on the currently playing disc randomly (Shuffle 1 play*)	**Press** SHUF. The CD changer plays every track on the currently playing disc randomly once. After every track is played, the next disc will be played in the same manner.
To listen to every track on every disc in the disc magazine randomly (Shuffle 2 play*)	**Press** SHUF **twice.**  The CD changer plays every track on every disc in the disc magazine randomly.

The SHUF button functions as follows:

► Normal playing Mode ► SHUF 1 ► SHUF 2

* When the SHUF button is pressed, the shuffle play starts after the currently played track is finished. If you wish to skip the currently playing track and start the shuffle play immediately, press the SHUF button first and then the ▶▶| button.
If you press the INTRO button during the shuffle play, the first 10 seconds of each track will be played in the shuffle play mode.

Fuse Replacement

If the fuse blows, check the power connection and replace the fuse. If the fuse blows again after the replacement, there may be an internal malfunction. In this case, consult your nearest Sony dealer.

Warning

Use the specified amperage fuse for each lead. Use of a higher amperage fuse may cause serious damage.

Specifications

CD changer

System: Compact disc digital audio system

Laser diode properties
- Material: GaAlAs
- Wavelength: 780 nm
- Emission duration: Continuous
- Laser output power: Less than 44.6 μW*
  * This output is the value measured at a distance of 200 mm from the objective lens surface on the Optical Pick-up Block.

D-A conversion: 16-bit linear

Frequency response: 5 – 20,000 Hz ±1 dB

Signal-to-noise ratio: 92 dB

Wow and flutter: Below measurable limit

Outputs: Line output (for the CD changer connector only)

Current drain: 800 mA (at disc play)
800 mA (at disc loading/ejecting)

Operating temperature: −10°C to 55°C

Dimensions: Approx. 305 × 88 × 177 mm ($12^{1}/_{8} \times 3^{1}/_{2} \times 7$ in.) (w/h/d) not incl. projecting parts and controls

Weight: Approx. 2.5 kg (5 lb. 8 oz.)

CD changer commander (Display unit/Hideaway unit/Remote commander)

Transfer frequency: 88.3 MHz, 88.7 MHz

Dimensions
- Remote commander: Approx. 40 × 175 × 18.5 mm ($1^{5}/_{8} \times 7 \times {}^{3}/_{4}$ in.) (w/h/d)
- Hideaway unit: Approx. 77 × 27 × 118 mm ($3^{1}/_{8} \times 1^{1}/_{8} \times 4^{3}/_{4}$ in.) (w/h/d)
- Display unit: Approx. 100 × 38 × 16 mm ($4 \times 1^{1}/_{2} \times {}^{21}/_{32}$ in.) (w/h/d)

Weight
- Remote commander: Approx. 100 g (4 oz.)
- Hideaway unit: Approx. 380 g (13 oz.)
- Display unit: Approx 120 g ($4^{1}/_{4}$ oz.)

Supplied accessories
- Disc magazine (1)
- Mounting hardware (1 set)
- Adhesive tape (1 set)
- Connecting cable for the CD changer (1)
- Power connecting cord (1)
- Dry batteries (size AA/R6) (2)

Optional accessories
- Compact disc single adaptor CSA-8
- Cleaning cloth XP-CD1

Design and specifications subject to change without notice.